

Fig. 1

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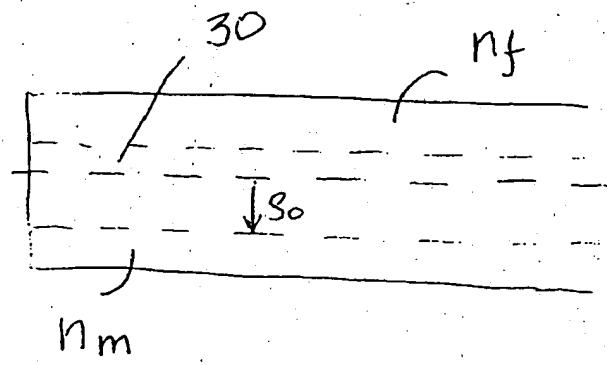


Fig. 2

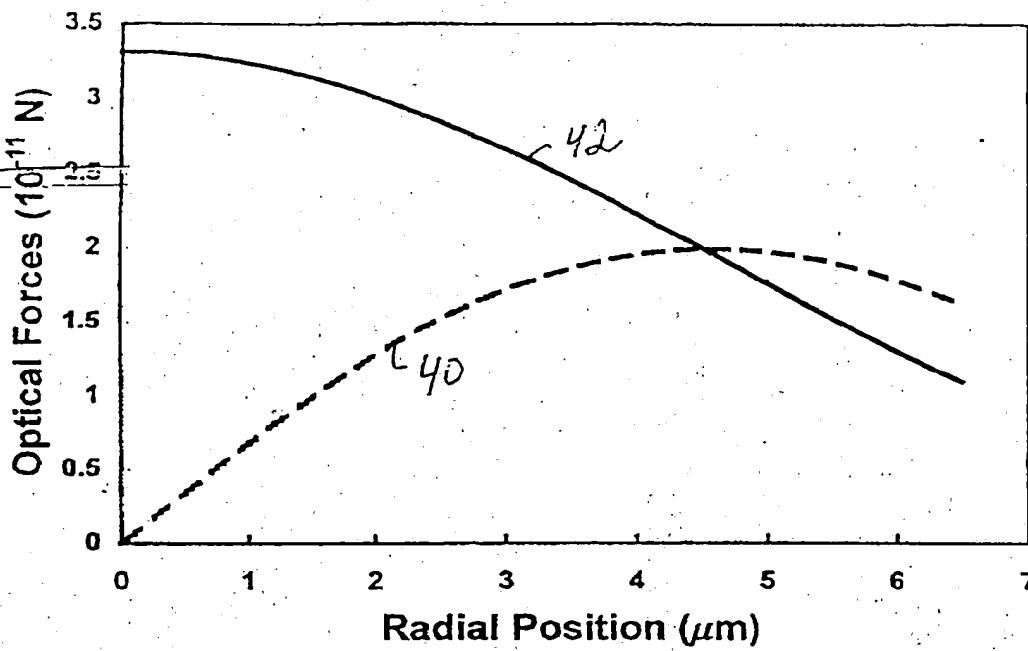


Fig. 3

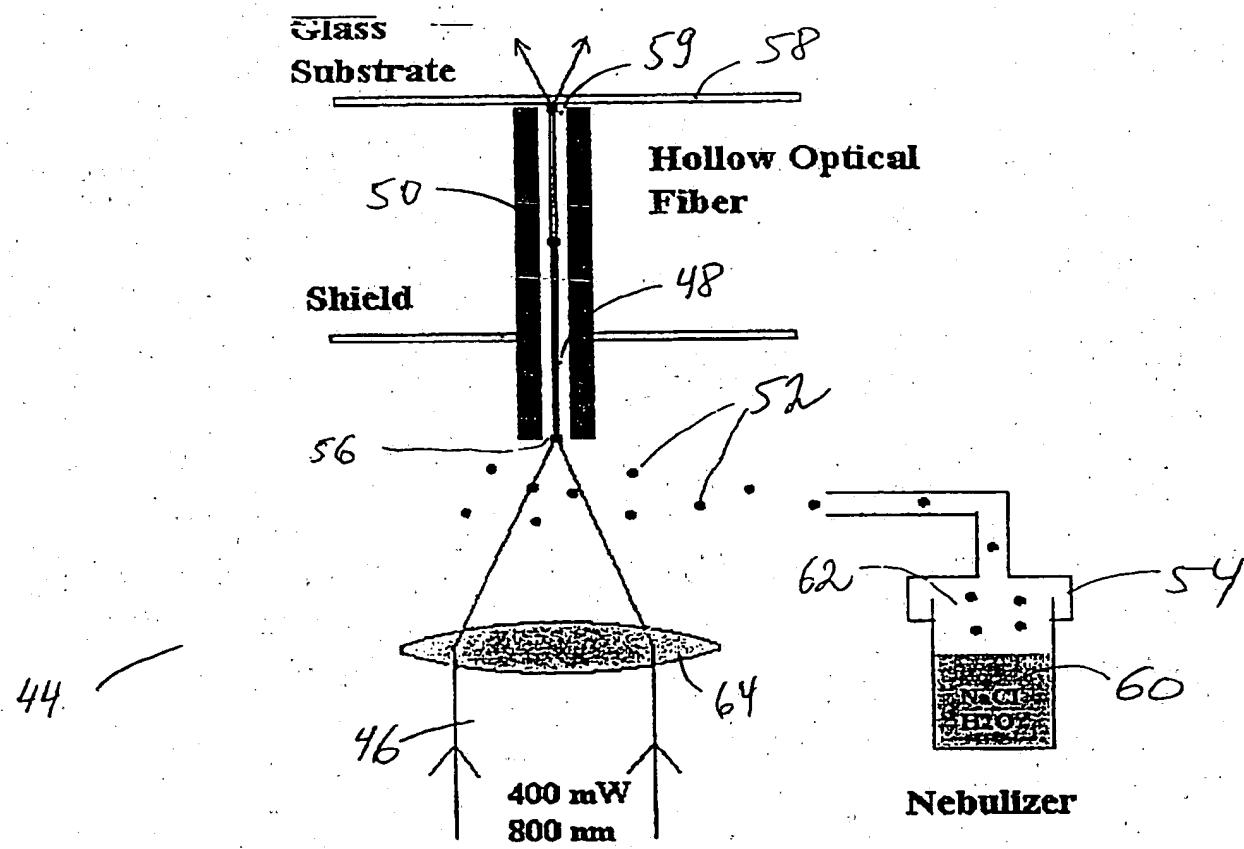


Fig. 4

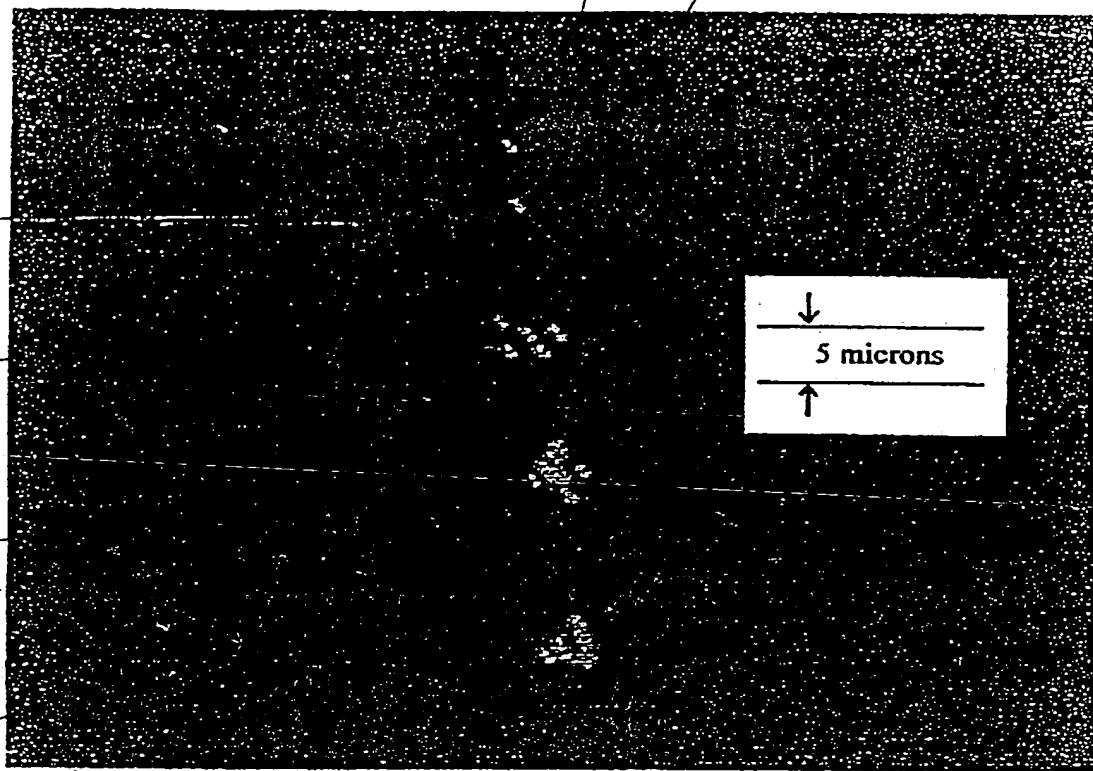
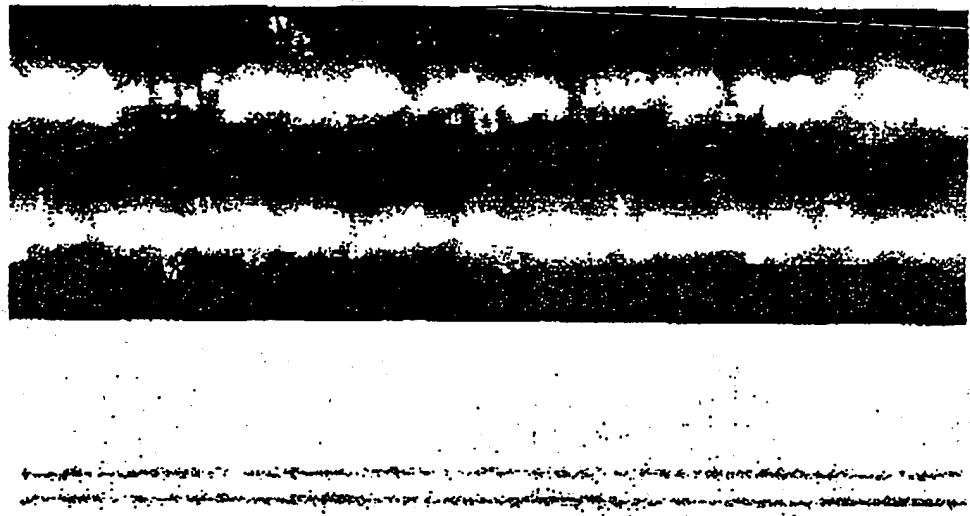


Fig. 5

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Barium Titanate Deposits

Fig. 6 (a)



Indium Oxide (a) and Silver (b)

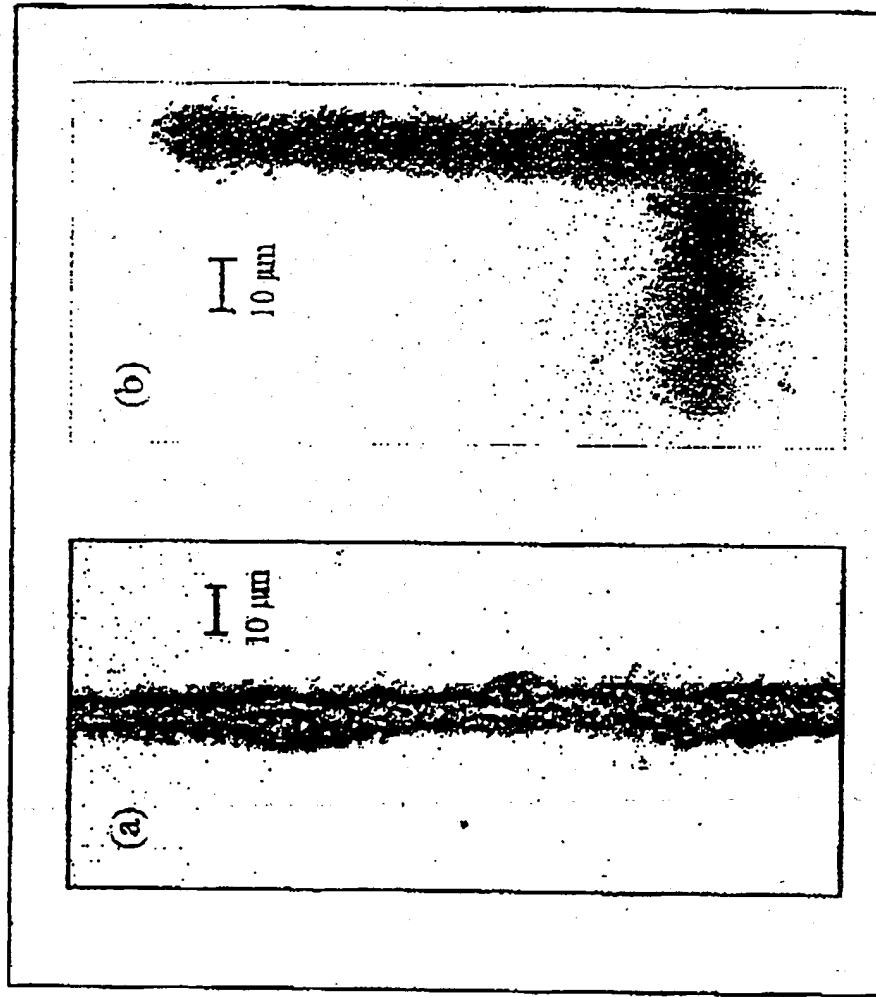


Fig. 6(b)

Fig. 6(c)

Aluminum Nitrate/Aluminum Oxide Deposits

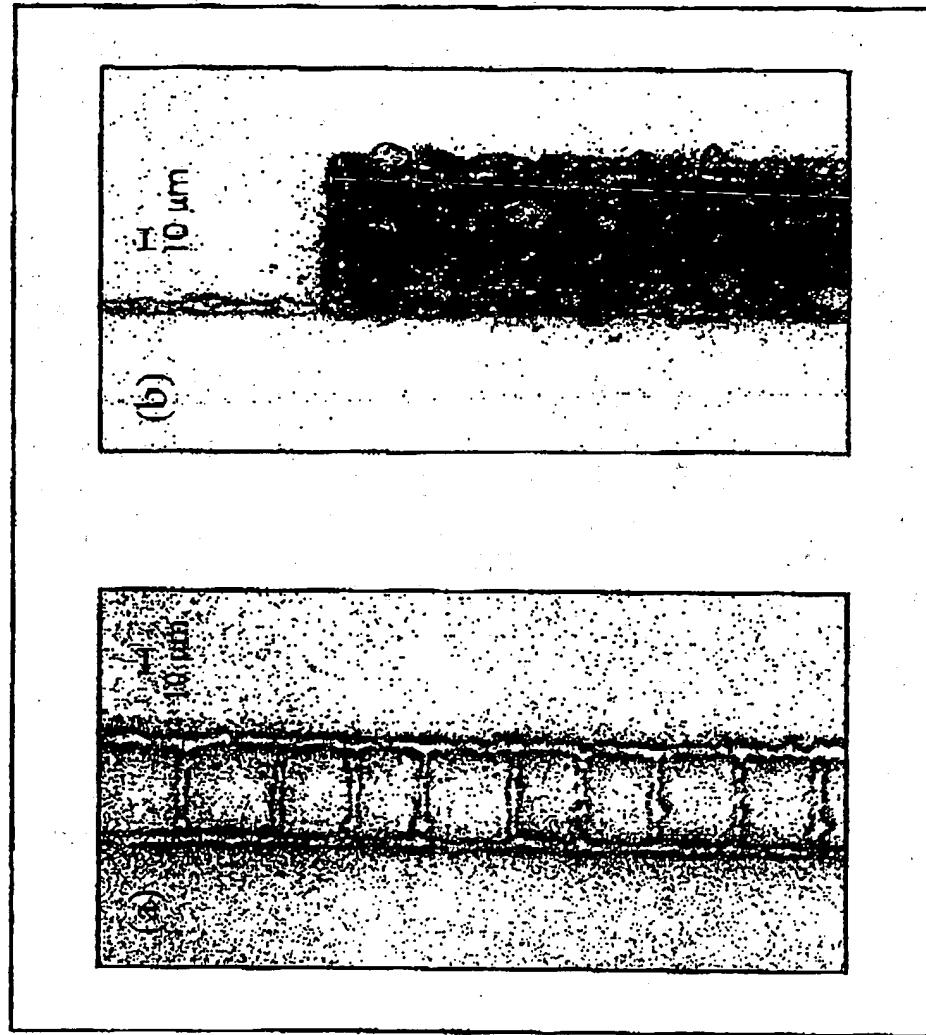


Fig. 6(d)

Fig. 6(e)

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a)



b)



c)



d)



Fig. 7

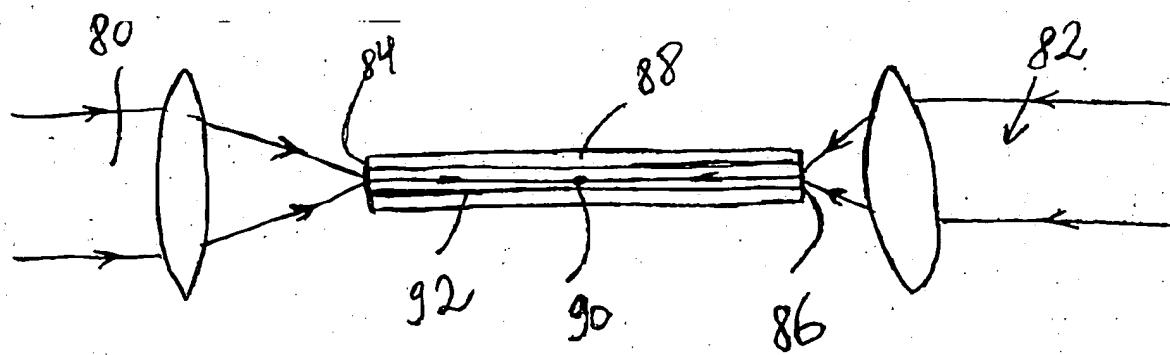


Fig. 8

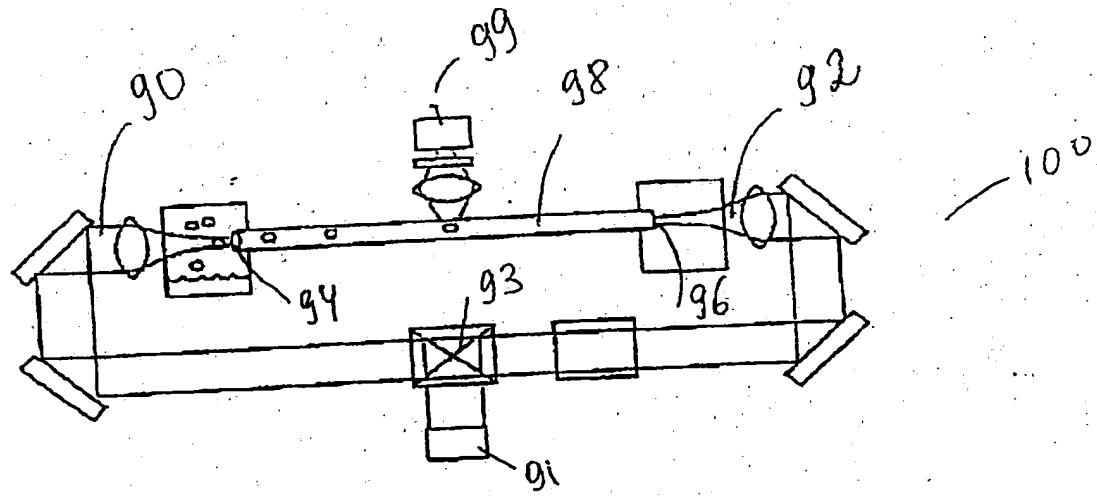


Fig. 9

Table 1.

Materials Manipulated	
Metals	Au, Ag, Pd, Rh, Pt
Dielectrics	Glass, BaTiO_3 , Al_2O_3
Semiconductors	Si, Ge, CdS, InO
Liquids	H_2O , acids, bases, solvents, salt solutions
Plastics	Polystyrene
Biological	Embryonic nerve and glial cells, bacteria, microtubules
Substrates used	
Glass, Ceramic, Plastic, Paper, Si, Kapton	
Line Dimensions - $3\text{ }\mu\text{m} \pm 0.5\text{ }\mu\text{m}$	

Fig. 10